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# TRANSMITTAL FORM

(To be used for all correspondence after initial filing)

Application Number	10/648,780
Filing Date	August 26, 2003
First Named Inventor	Alexander Gaiger
Art Unit	1632
Examiner Name	
Attorney Docket No.	210121.465C12

	EN	NCLOSURES (check all that app	oly)
Fee Transmittal Fee Attached Amendment/Res After Final Affidavits/ded Extension of Tim Express Abandon Request Information Discl Statement; Form 100 Cited Refered Certified Copy of Document(s) Response to Mis under 37 C.F.R. Response to Mis Parts/Incomplete	d sponse sclaration(s) he Request shment slosure h PTO-1449 ences f Priority ssing Parts 1.52 or 1.53 esing	Drawing(s) Request for Corrected Filing Receipt Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation, Change of Correspondence Address Declaration Statement under 37 CFR 3.73(b) Terminal Disclaimer Request for Refund	CD(s), Number of CD(s)  After Allowance Communication to Group  Appeal Communication to Board of Appeals and Interferences  Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  Proprietary Information  Status Letter  Return Receipt Postcard  Additional Enclosure(s) (please identify below):
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Individual Name Julie A. Urva Reg. No. 50,		er, Ph.D., Patent Agent 161	00500
Signature	Cprie	Upvalo	
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VIA EXPRESS MAIL

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35:U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Office, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

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#### EXPRESS MAIL NO. EV449556744US

**PATENT** 



#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Spplicants : Alexander Gaiger et al.

Application No.

10/648,780

Filed

August 26, 2003

For

COMPOSITIONS AND METHODS FOR WT1 SPECIFIC

**IMMUNOTHERAPY** 

Art Unit

: 1632

Docket No.

: 210121.465C12

Date

: April 2, 2004

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## **INFORMATION DISCLOSURE STATEMENT**

#### Commissioner for Patents:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicants wish to make known to the Patent and Trademark Office the references set forth on the attached Forms PTO-1449. This application is a continuation and relies, under 35 U.S.C. § 120, on the earlier filing date of prior application USAN 10/195,835, filed on July 12, 2002; which is a continuation-in-part of USAN 10/02,603, filed October 30, 2001; which is a continuation-in-part of USAN 09/938,864, filed August 24, 2001; which is a continuation-in-part of USAN 09/785,019, filed February 15, 2001; which is a continuation-in-part of USAN 09/685,830, filed October 9, 2000; which is a continuation-in-part of USAN 09/684,361, filed October 6, 2000; which is a continuation-in-part of USAN 09/276,484, filed March 25, 1999; which is a continuation in part of USAN 09/164,223, filed September 30, 1998. The references listed on pages 1-14 of the attached Forms PTO-1449 were submitted to and/or cited by the Office in these prior applications and, therefore, are not required to be provided in the present application. If the Examiner wishes, copies will be provided upon request. However, the references (exclusion of U.S. Patents) listed on pages 15-23 of Forms PTO-1449 are submitted herewith.

Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

Applicants note that reference OI (JP 11-89596), submitted herewith, is written in Japanese. Accordingly, the Examiners attention is respectfully directed to references UI-UM, which present English abstracts and the relevant nucleotide sequences.

Applicants note that reference OJ (JP 11-89599), submitted herewith, is written in Japanese. Accordingly, the Examiners attention is respectfully directed to references UN and VC-VH, which present English abstracts and the relevant nucleotide sequences.

Applicants note that reference OK (WO 96/38176), submitted herewith, is written in Japanese. Accordingly, the Examiners attention is respectfully directed to references QM, QN and RC-RM, which present English abstracts and the relevant nucleotide sequences.

Applicants note that reference OL (WO 99/03506), submitted herewith, is written in Japanese. Accordingly, the Examiners attention is respectfully directed to references TD-TN and UC-UH, which present English abstracts and the relevant nucleotide sequences.

Applicants note that reference OM (WO 00/06602) is written in Japanese. Accordingly, the Examiners attention is respectfully directed to references VI-VN, WC and WD which present English abstracts and the relevant nucleotide sequences.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Applicants believe this Information Disclosure Statement has been timely filed, however, the Commissioner is authorized to charge any fee due by way of this Information Disclosure Statement to our Deposit Account No. 19-1090.

Respectfully submitted,

Seed Intellectual Property Law Group PLLC

Julie A. Urvater, Ph.D., Patent Agent

Registration No. 50,461

JAU:ljt Enclosures:

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Postcard Form PTO/SB/21 Form PTO-1449 (23 sheets) Cited References (100)

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i .----EXPRESS MAIL NO. EV449556744US Sheet <u>1</u> of <u>23</u> APPLICATION NO. FORM PTO-144 ATTY. DOCKET NO. U.S. DEPARTMENT OF COMMERCE (REV.7-80) TRADEMARK OFFICE 10/648,780 210121.465C12 APPLICANTS INFORMATION DISCLOSURE STATEMENT Alexander Gaiger et al. (Use several sheets if necessary) FILING DATE GROUP ART UNIT August 26, 2003 1632 U.S. PATENT DOCUMENTS \*EXAMINER FILING DATE SUBCLASS DOCUMENT NUMBER DATE NAME CLASS IF APPROPRIATE INITIAL 09/27/94 Call et al. 23.1 5,350,840 536 AA 5,693,522 12/02/97 Chada et al. 435 2.402 ΑB Jäger et al. АC 6,096,313 08/01/00 424 184.1 FOREIGN PATENT DOCUMENTS DOCUMENT TRANSLATION DATE COUNTRY NUMBER YES NO WO 00/18795 04/06/00 **WIPO** ΑD WO99/58135 11/18/99 **PCT** ΑE WO95/29995 11/09/95 **PCT** ΑF WO95/06725 03/09/95 **PCT** AG WIPO WO 94/21287 09/29/94 AΗ WO 95/29995 11/09/95 WIPO ΑI WO 91/07509 AJ 05/30/91 **PCT** OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) Aaronson and Todaro, "Development of 3t3-like lines from Balb/c mouse embryo cultures: ΑK transformation susceptibility to SV40," J. Cell. Physiol. 72(2):141-148, October 1968. Adachi et al., "Midkine as a novel target gene for the Wilms' tumor suppressor gene AL (WT1)," Oncogene 13: 2197-2203, 1996. Algar et al., "A WT1 antisense oligonucleotide inhibits proliferation and induces apoptosis AM in myeloid leukaemia cell lines," Oncogene 12: 1005-1014, 1996. Altman et al., "Phenotypic analysis of antigen-specific T lymphocytes," Science 274:94-96, ΑN October 4, 1996. Appel, R.D. et al., "A new generation of information retrieval tools for biologists: the ΑO example of the ExPASy WWW server," Trends in Biochemical Sciences 19(6): 258-260, Armstrong et al., "The expression of the Wilms' tumour gene, WT1, in the developing ΑP mammalian embryo," Mechanisms of Development 40: 85-97, 1992. **EXAMINER DATE CONSIDERED** 

\* EXAMINER:

Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

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	QM Geneseq Database, Accession No. AAT45130, August 19, 1997.											
	QN	Geneseq	Data	base, Acces	ssion No. A	AT45131, August 20,	1997.					
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RC Geneseq Database, Accession No. AAT45132, August 20, 1997.											
RD Geneseq Database, Accession No. AAT45133, August 20, 1997.											
	RE	Geneseq Dat	abase, Acces	ssion No. A	AT45134, August 20,	1997.					
	RF	Geneseq Dat	abase, Acces	ssion No. A	AT45135, August 20,	1997.					
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	RH	Geneseq Dat	abase, Acces	ssion No. A	AT45137, August 20,	1997.					
	RI	Geneseq Dat	abase, Acces	ssion No. A	AT45138, August 20,	1997.					
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	RL	Geneseq Dat	abase, Acces	ssion No. A	AT45141, August 20,	1997.					
RM Geneseq Database, Accession No. AAT45142, August 20, 1997.											
	RN	Geneseq Dat	abase, Acces	ssion No. A	AT97855, March 9, 19	998.					
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SC Geneseq Database, Accession No. AAT97856, March 9, 1998.											
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	SE		Geneseq Data	base, Acces	sion No. A	AT97858, March 9, 19	998.				
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	sG		Geneseq Data	base, Acces	sion No. A	AT97860, March 9, 19	998.				
	SH		Geneseq Data	base, Acces	sion No. A	AT97861, March 9, 19	998.				
	SI		Geneseq Data	base, Acces	sion No. A	AT97862, March 9, 19	998.				
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	SK		Geneseq Data	base, Acces	sion No. A	AT97864, March 9, 19	998.				
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	Geneseq Database, Accession No. AAT97866, March 9, 1998.										
	SN		Geneseq Data	base, Acces	sion No. A	AT97867, March 9, 19	998.				
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Geneseq Database, Accession No. AAT97868, March 9, 1998.											
Geneseq Database, Accession No. AAX15839, May 11, 1999.											
	TE		Geneseq Data	base, Acces	ssion No. A	AX15840, May 11, 19	99.				
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TM Geneseq Database, Accession No. AAX15848, May 11, 1999.											
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Geneseq Database, Accession No. AAX15850, May 11, 1999.										
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UE Geneseq Database, Accession No. AAX15852, May 11, 1999.										
	UF	Geneseq Dat	abase, Acces	ssion No. A	AX15853, May 11, 19	99.				
	UG	Geneseq Dat	abase, Acces	ssion No. A	AX15854, May 11, 19	99.				
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	UK	Geneseq Dat	abase, Acces	ssion No. A	AX23929, June 25, 19	99.				
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Geneseq Database, Accession No. AAX23931, June 25, 1999.										
	UN	Geneseq Dat	abase, Acces	ssion No. A	AX34315, July 6, 1999	9.				
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VC Geneseq Database, Accession No. AAX34316, July 6, 1999.											
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VE Geneseq Database, Accession No. AAX34318, July 6, 1999.											
	VF		Geneseq Data	base, Acces	ssion No. A	AX34319, July 6, 199	9.				
	VG		Geneseq Data	base, Acces	ssion No. A	AX34320, July 6, 199	9.				
	VH		Geneseq Data	base, Acces	ssion No. A	AX34321, July 6, 199	9.	<u>.</u>			
	VI		Genseq Datab	ase, Access	sion No. AA	AY80196, May 24, 200	00.				
	VJ		Genseq Datab	ase, Access	sion No. AA	AY80197, May 24, 200	00.		*****		
	VK		Genseq Datab	ase, Access	sion No. AA	AY80198, May 24, 200	00.				
	VL		Genseq Datab	ase, Access	sion No. AA	AY80199, May 24, 200	00.				
Genseq Database, Accession No. AAY80200, May 24, 2000.											
	VN		Genseq Datab	ase, Access	sion No. A	AY80201, May 24, 200	00.				
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WC Genseq Database, Accession No. AAY80202, May 24, 2000.										
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